



Basic Electricity (Dover Books on Electrical Engineering)

By Bureau of Naval Personnel

Download now

Read Online ➔

Basic Electricity (Dover Books on Electrical Engineering) By Bureau of Naval Personnel

This expanded and revised U.S. Navy training course text provides thorough coverage of the basic theory of electricity and its applications. It is unquestionably the best book of its kind for either broad or more limited studies of electrical fundamentals.

It is divided into 21 chapters and an extensive section of appendixes. Chapters cover safety, fundamental concepts of electricity, batteries, series direct-current circuits, network analysis of direct-current circuits, electrical conductors and wiring techniques, electromagnetism and magnetic circuits, introduction to alternating-current electricity, inductance, capacitance, inductive and capacitive reactance, fundamental alternating-current circuit theory, direct-current generators, direct current motor magnetic amplifiers, and synchros and servomechanisms. Appendixes acquaint lay readers with common terms, abbreviations, component color-code, full load currents of motors, and cable types; they also supply trig functions, square and square roots, basic formulas, and laws of exponents.

Thus the reader is supplied with a complete basic coverage of all important aspects of electricity. And, drawing on its ample funds, the Navy was able to fill this text with dozens of illustrations so that the book becomes almost a multimedia teaching process.

This is an excellent text for classroom use or for home study. Students will also find it a valuable supplement to courses in which theory is emphasized while little attention is paid to application; it will also supplement a course in which this situation is reversed. In addition, *Basic Electricity* serves the lay reader who simply wants a knowledge of fundamental concepts of electricity or wishes to study more advanced concepts and applications. 1969 edition.

↓ [Download Basic Electricity \(Dover Books on Electrical Engin ...pdf](#)

📖 [Read Online Basic Electricity \(Dover Books on Electrical Eng ...pdf](#)

Basic Electricity (Dover Books on Electrical Engineering)

By Bureau of Naval Personnel

Basic Electricity (Dover Books on Electrical Engineering) By Bureau of Naval Personnel

This expanded and revised U.S. Navy training course text provides thorough coverage of the basic theory of electricity and its applications. It is unquestionably the best book of its kind for either broad or more limited studies of electrical fundamentals.

It is divided into 21 chapters and an extensive section of appendixes. Chapters cover safety, fundamental concepts of electricity, batteries, series direct-current circuits, network analysis of direct-current circuits, electrical conductors and wiring techniques, electromagnetism and magnetic circuits, introduction to alternating-current electricity, inductance, capacitance, inductive and capacitive reactance, fundamental alternating-current circuit theory, direct-current generators, direct current motor magnetic amplifiers, and synchros and servomechanisms. Appendixes acquaint lay readers with common terms, abbreviations, component color-code, full load currents of motors, and cable types; they also supply trig functions, square and square roots, basic formulas, and laws of exponents.

Thus the reader is supplied with a complete basic coverage of all important aspects of electricity. And, drawing on its ample funds, the Navy was able to fill this text with dozens of illustrations so that the book becomes almost a multimedia teaching process.

This is an excellent text for classroom use or for home study. Students will also find it a valuable supplement to courses in which theory is emphasized while little attention is paid to application; it will also supplement a course in which this situation is reversed. In addition, *Basic Electricity* serves the lay reader who simply wants a knowledge of fundamental concepts of electricity or wishes to study more advanced concepts and applications. 1969 edition.

Basic Electricity (Dover Books on Electrical Engineering) By Bureau of Naval Personnel Bibliography

- Sales Rank: #29239 in Books
- Published on: 1970-06-01
- Released on: 1970-06-01
- Original language: English
- Number of items: 1
- Dimensions: 9.20" h x 1.06" w x 6.54" l, 1.49 pounds
- Binding: Paperback
- 490 pages

 [Download Basic Electricity \(Dover Books on Electrical Engin ...pdf](#)

 [Read Online Basic Electricity \(Dover Books on Electrical Eng ...pdf](#)

Editorial Review

Users Review

From reader reviews:

Angel Gardner:

Do you have favorite book? Should you have, what is your favorite's book? E-book is very important thing for us to know everything in the world. Each guide has different aim or even goal; it means that reserve has different type. Some people sense enjoy to spend their a chance to read a book. They can be reading whatever they take because their hobby is usually reading a book. How about the person who don't like examining a book? Sometime, individual feel need book once they found difficult problem or maybe exercise. Well, probably you should have this Basic Electricity (Dover Books on Electrical Engineering).

Robert Brown:

The book Basic Electricity (Dover Books on Electrical Engineering) can give more knowledge and also the precise product information about everything you want. Why then must we leave the good thing like a book Basic Electricity (Dover Books on Electrical Engineering)? Wide variety you have a different opinion about e-book. But one aim which book can give many facts for us. It is absolutely right. Right now, try to closer along with your book. Knowledge or info that you take for that, it is possible to give for each other; you are able to share all of these. Book Basic Electricity (Dover Books on Electrical Engineering) has simple shape but the truth is know: it has great and large function for you. You can search the enormous world by wide open and read a e-book. So it is very wonderful.

Allison Walters:

What do you concerning book? It is not important along? Or just adding material if you want something to explain what your own problem? How about your time? Or are you busy man? If you don't have spare time to perform others business, it is give you a sense of feeling bored faster. And you have extra time? What did you do? Everybody has many questions above. They should answer that question due to the fact just their can do which. It said that about guide. Book is familiar in each person. Yes, it is appropriate. Because start from on pre-school until university need that Basic Electricity (Dover Books on Electrical Engineering) to read.

Joseph Felder:

A lot of book has printed but it differs from the others. You can get it by internet on social media. You can choose the best book for you, science, amusing, novel, or whatever simply by searching from it. It is known as of book Basic Electricity (Dover Books on Electrical Engineering). Contain your knowledge by it.

Without leaving the printed book, it can add your knowledge and make an individual happier to read. It is most crucial that, you must aware about reserve. It can bring you from one location to other place.

**Download and Read Online Basic Electricity (Dover Books on Electrical Engineering) By Bureau of Naval Personnel
#SRWNTXBKH4Y**

Read Basic Electricity (Dover Books on Electrical Engineering) By Bureau of Naval Personnel for online ebook

Basic Electricity (Dover Books on Electrical Engineering) By Bureau of Naval Personnel Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Basic Electricity (Dover Books on Electrical Engineering) By Bureau of Naval Personnel books to read online.

Online Basic Electricity (Dover Books on Electrical Engineering) By Bureau of Naval Personnel ebook PDF download

Basic Electricity (Dover Books on Electrical Engineering) By Bureau of Naval Personnel Doc

Basic Electricity (Dover Books on Electrical Engineering) By Bureau of Naval Personnel Mobipocket

Basic Electricity (Dover Books on Electrical Engineering) By Bureau of Naval Personnel EPub

SRWNTXBKH4Y: Basic Electricity (Dover Books on Electrical Engineering) By Bureau of Naval Personnel